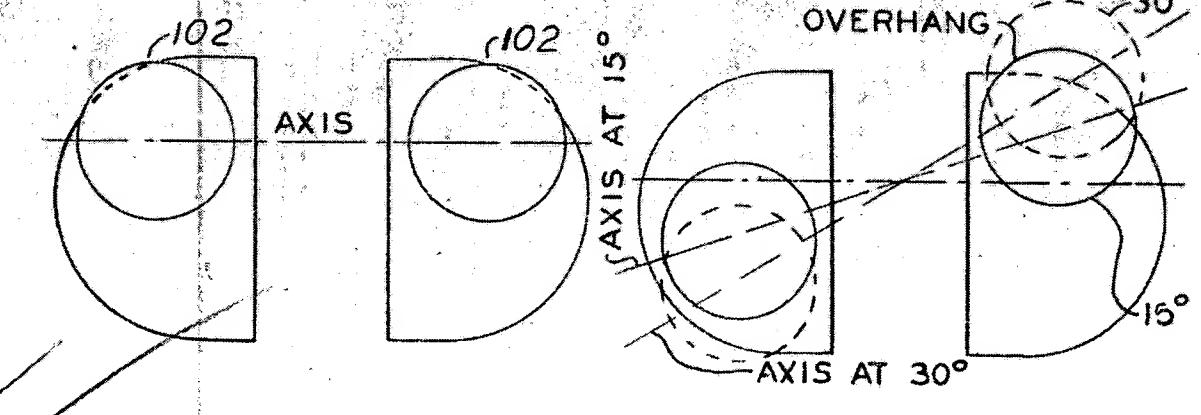
SHEET I OF 21 FIG. 1B FIG. IA SINGLE AXIS -101 -101

POSITION OF BEARING INSERTS AT 90 FLEXION WITH NO ROTATION

FIG. 3B

POSITION OF BEARING INSERTS AT 90 FLEXION
WITH 15° AN 30° AXIAL
ROTATION



SHEET 2 OF 21

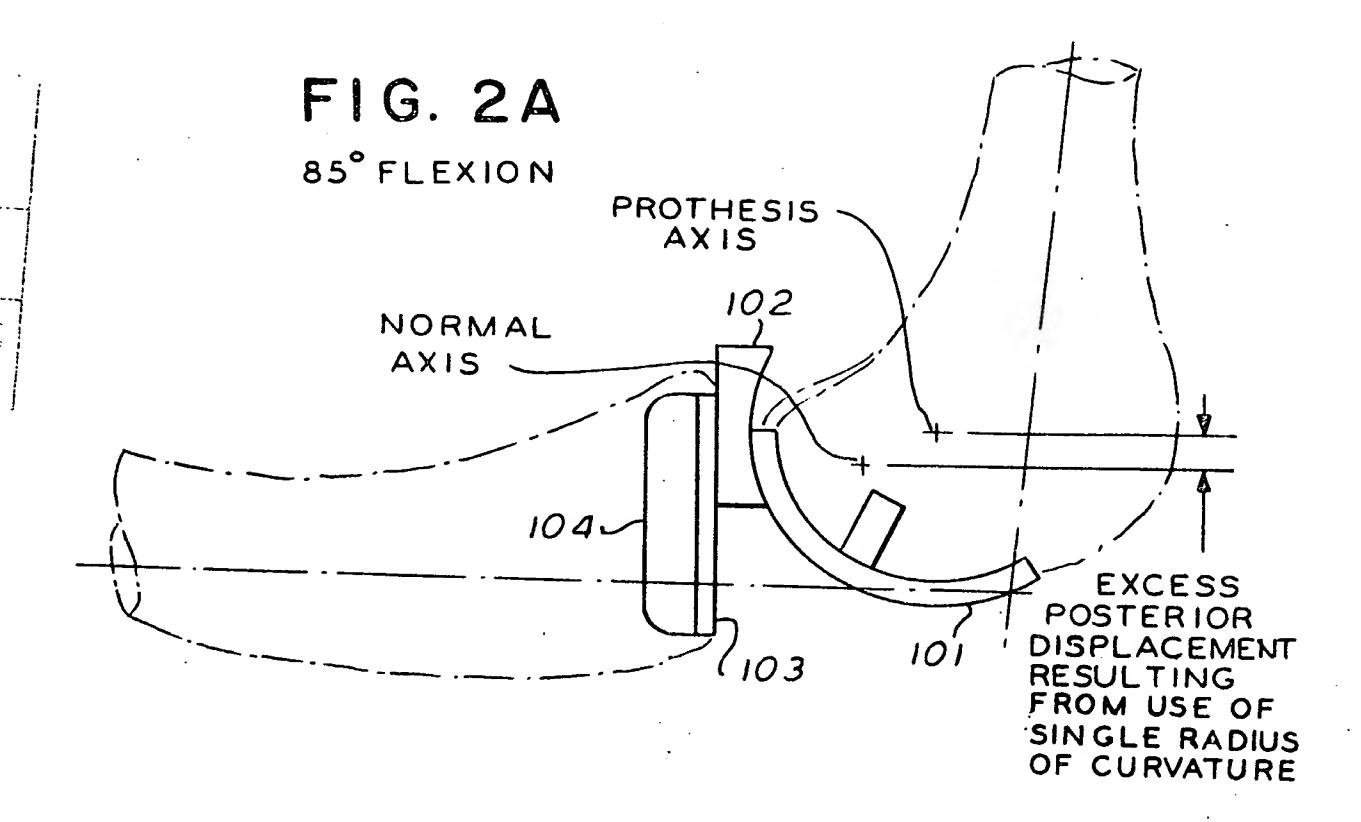


FIG. 2B

120° FLEXION

POSIBLE DISLOCATION MODES

102

104

103

102

102

101

SHEET 3 OF 21

FIG. 4

SWING PHASE OF WALKING



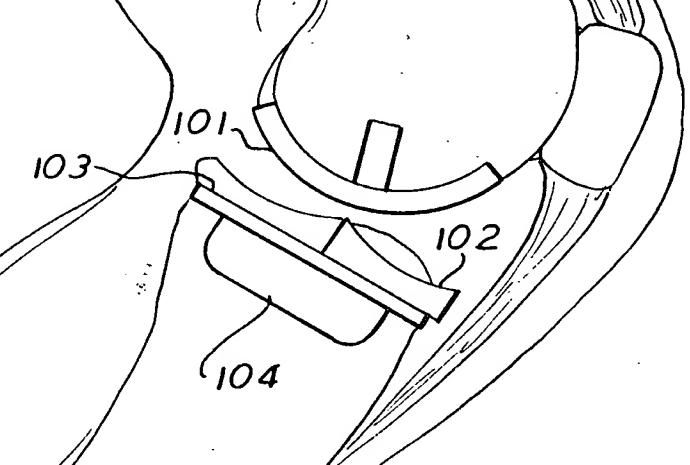
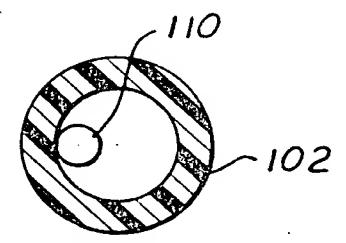
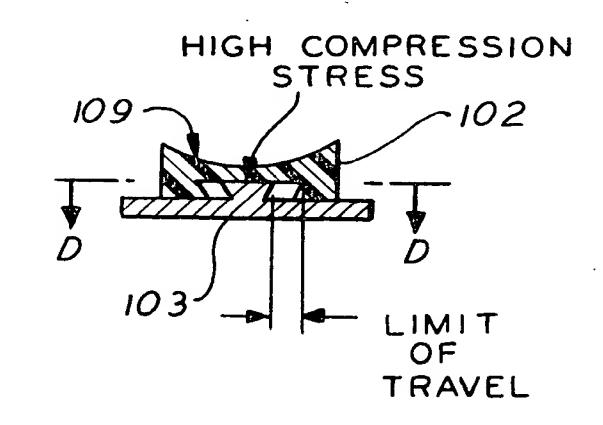


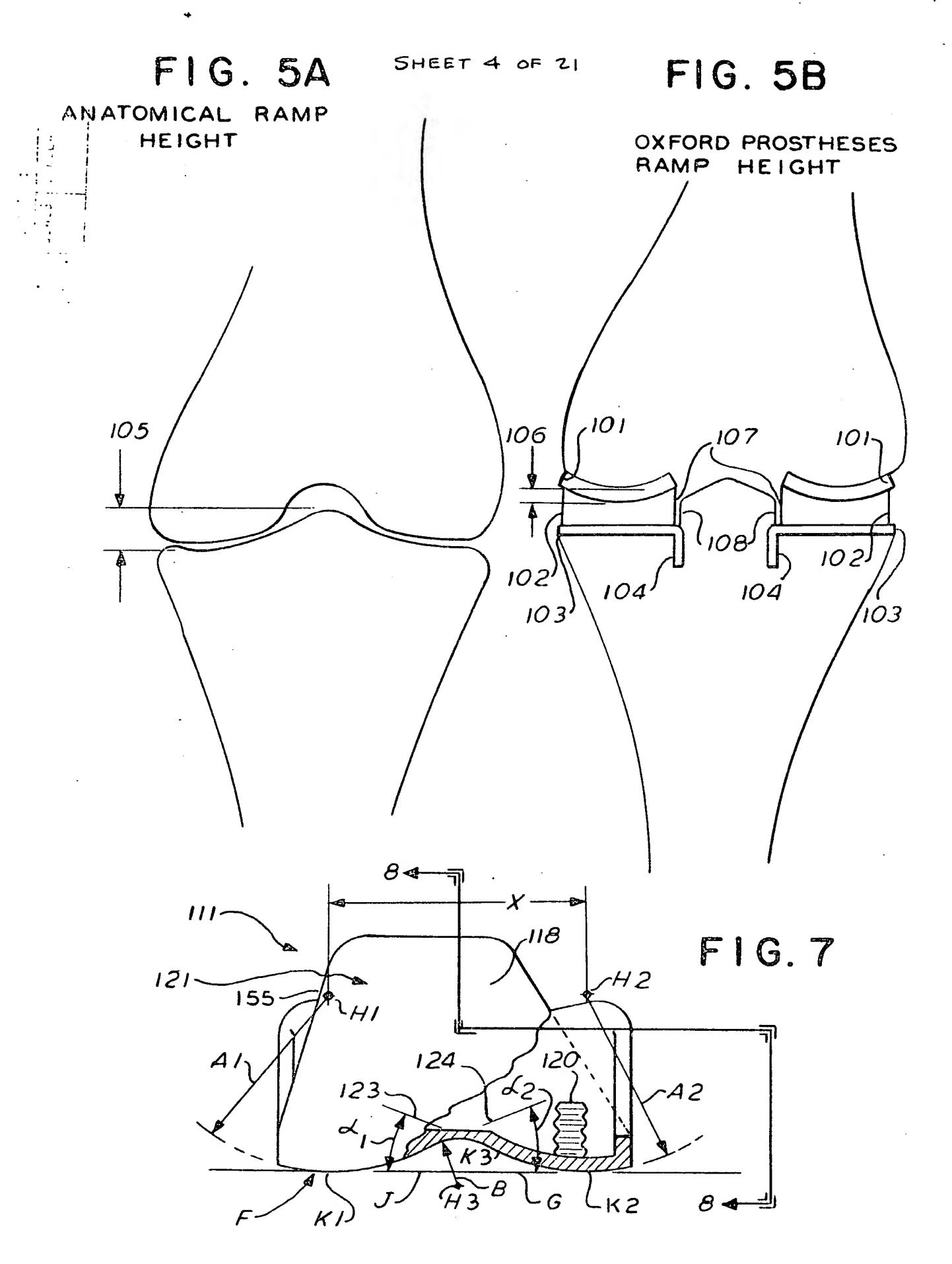
FIG. 6D

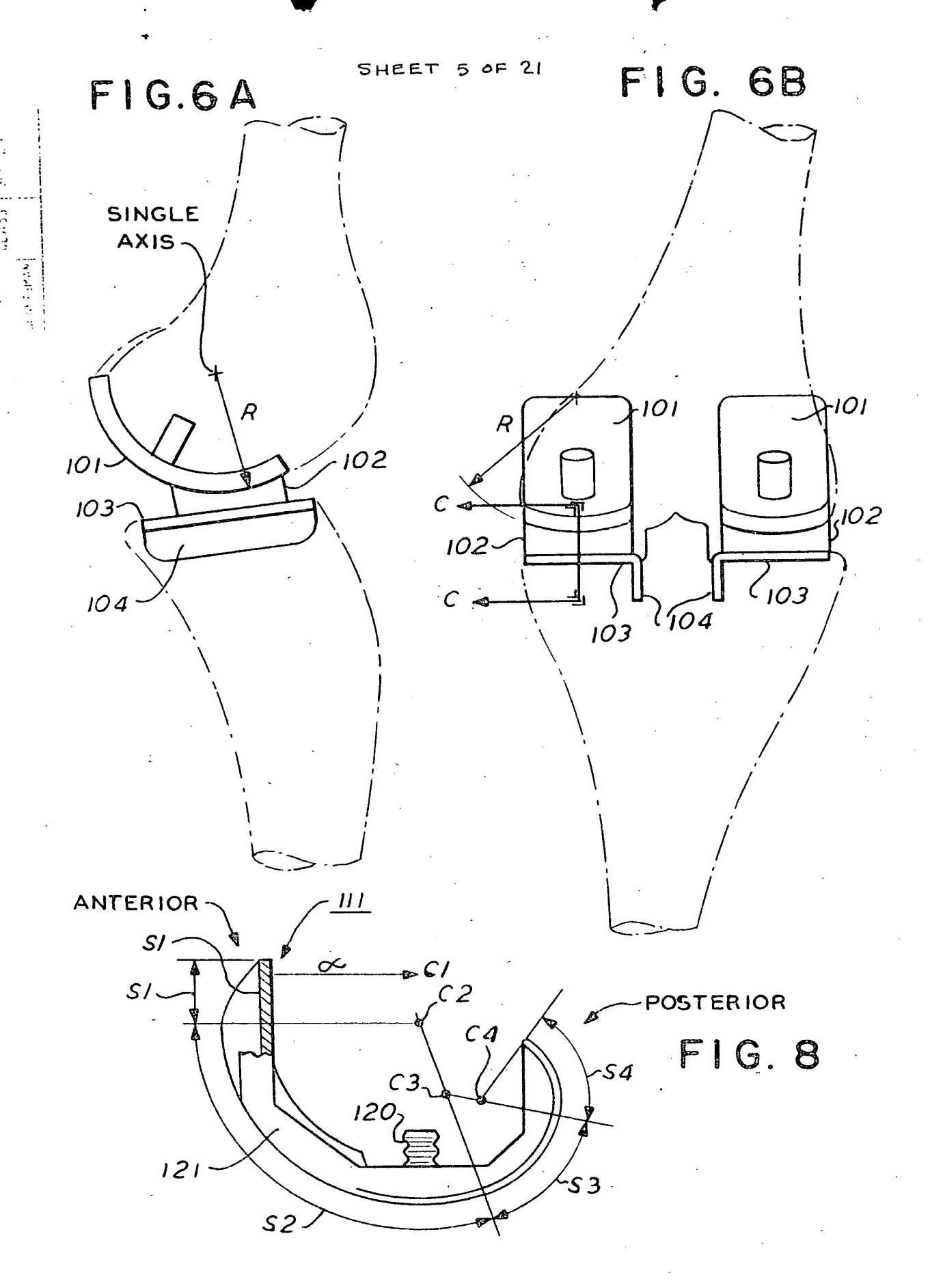


HIGH STRESS DUE TO HIGHLY INCONGRUENT CONTACT

FIG. 6C







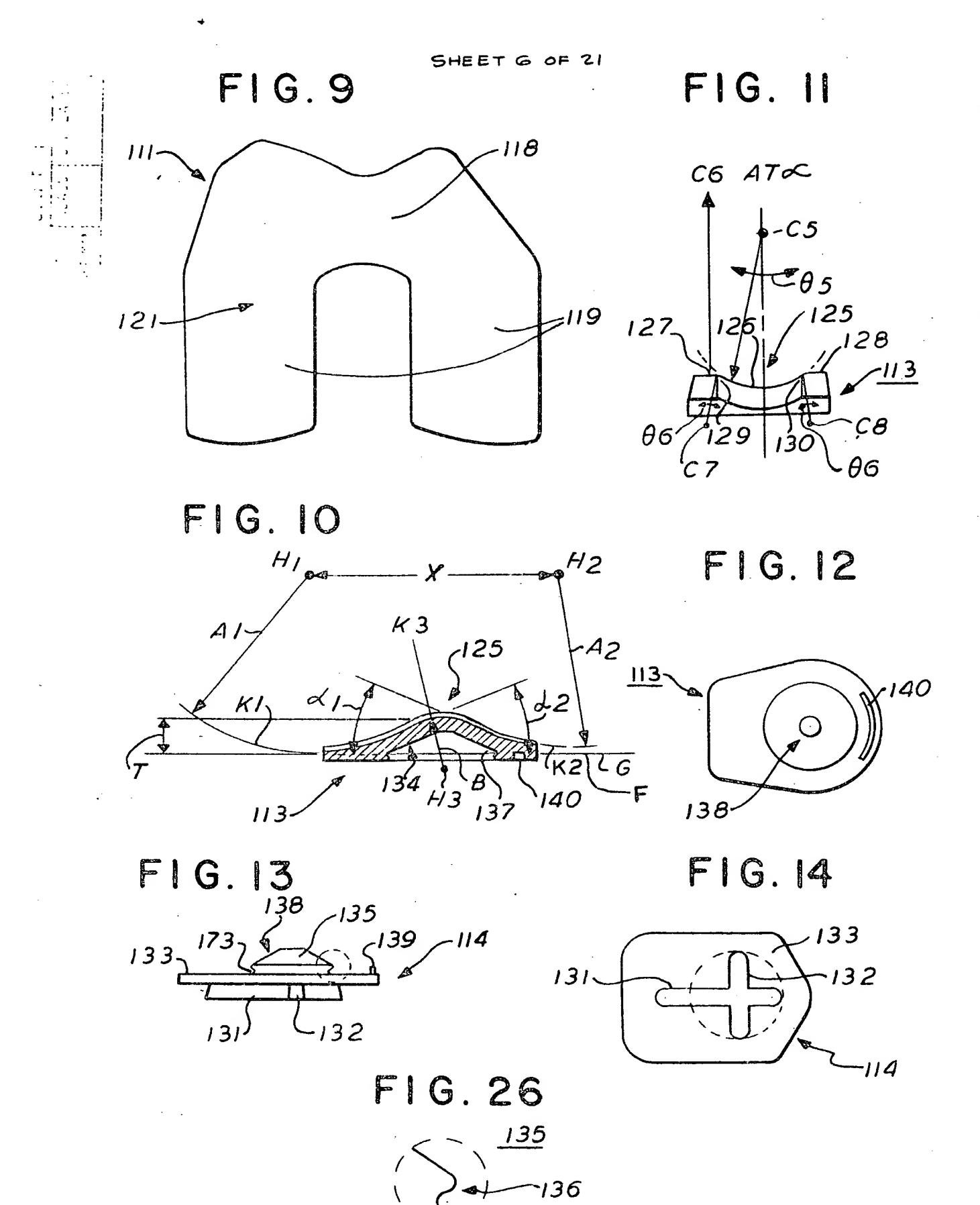
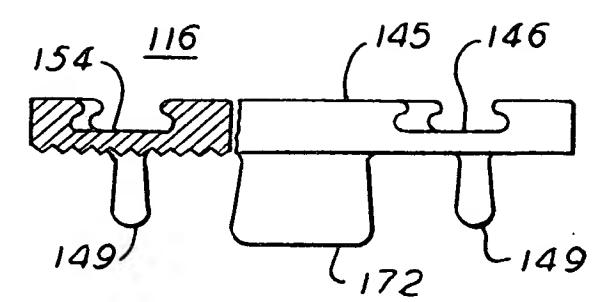
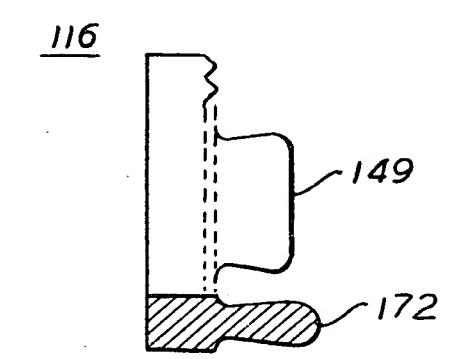


FIG. 15

SHEET 7 OF 21

FIG.17





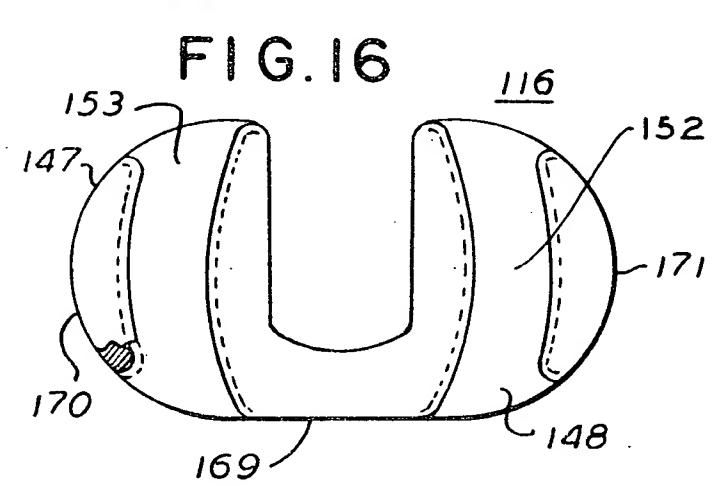
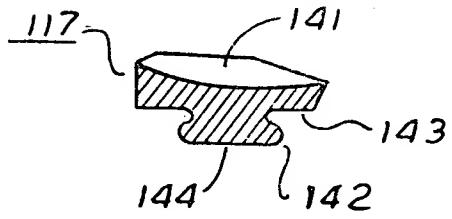
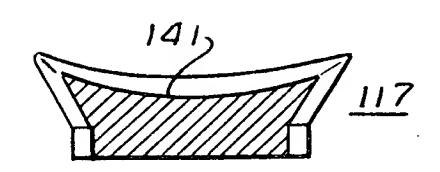


FIG. 18 -141 117

FIG. 19

FIG. 20





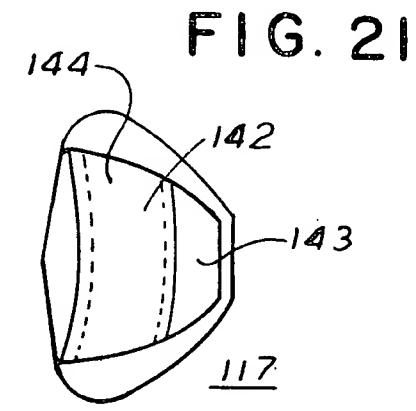
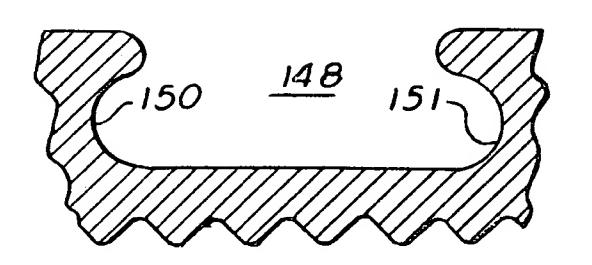


FIG. 34



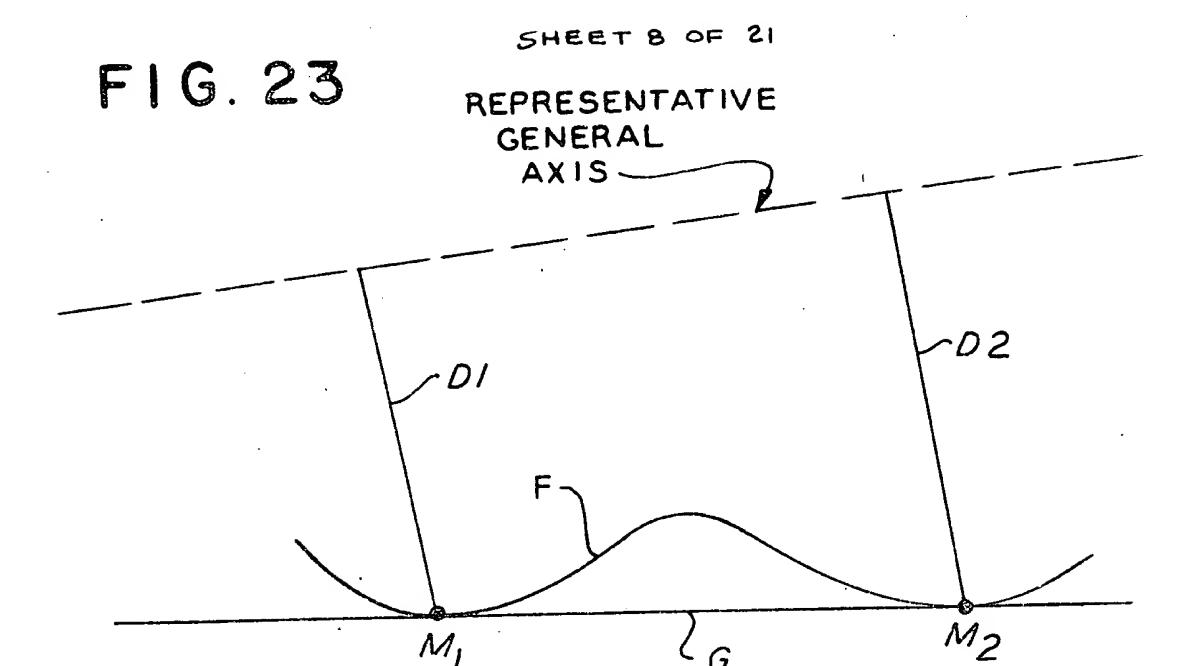
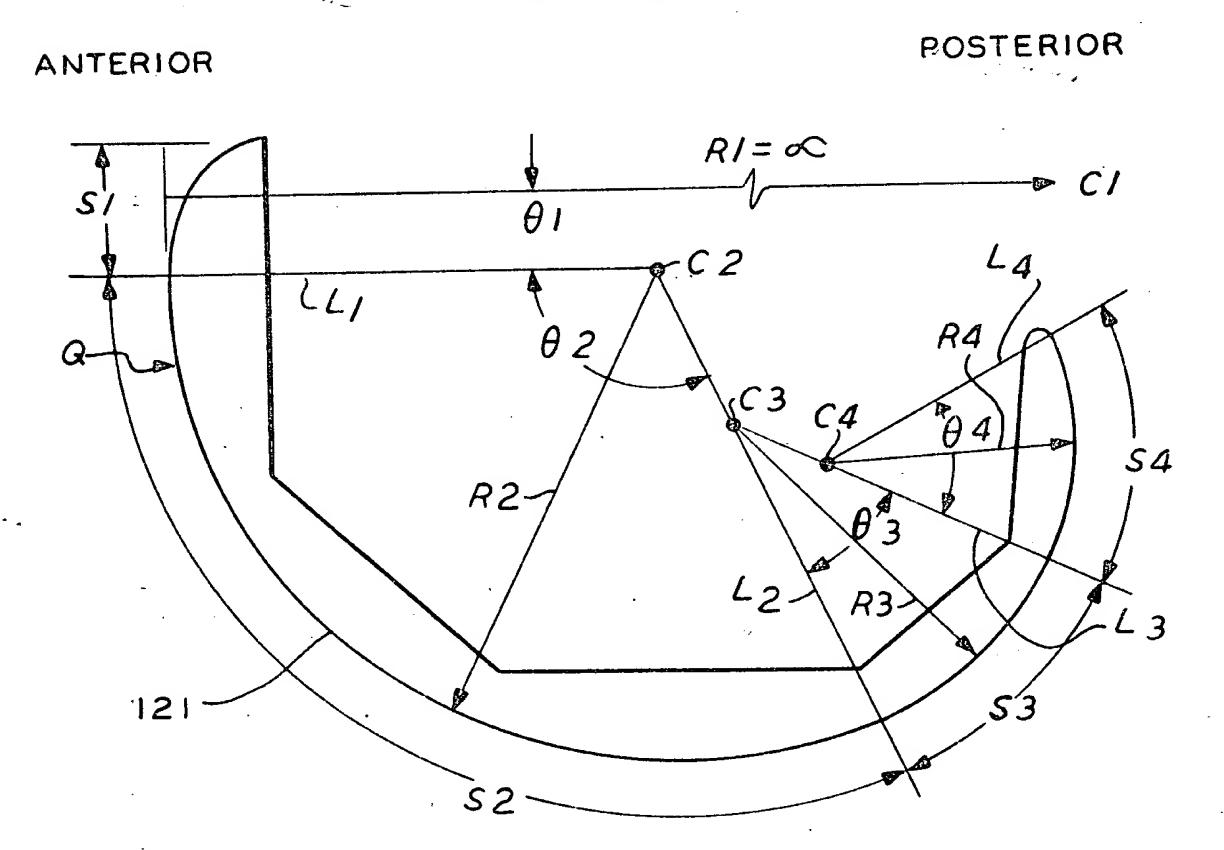
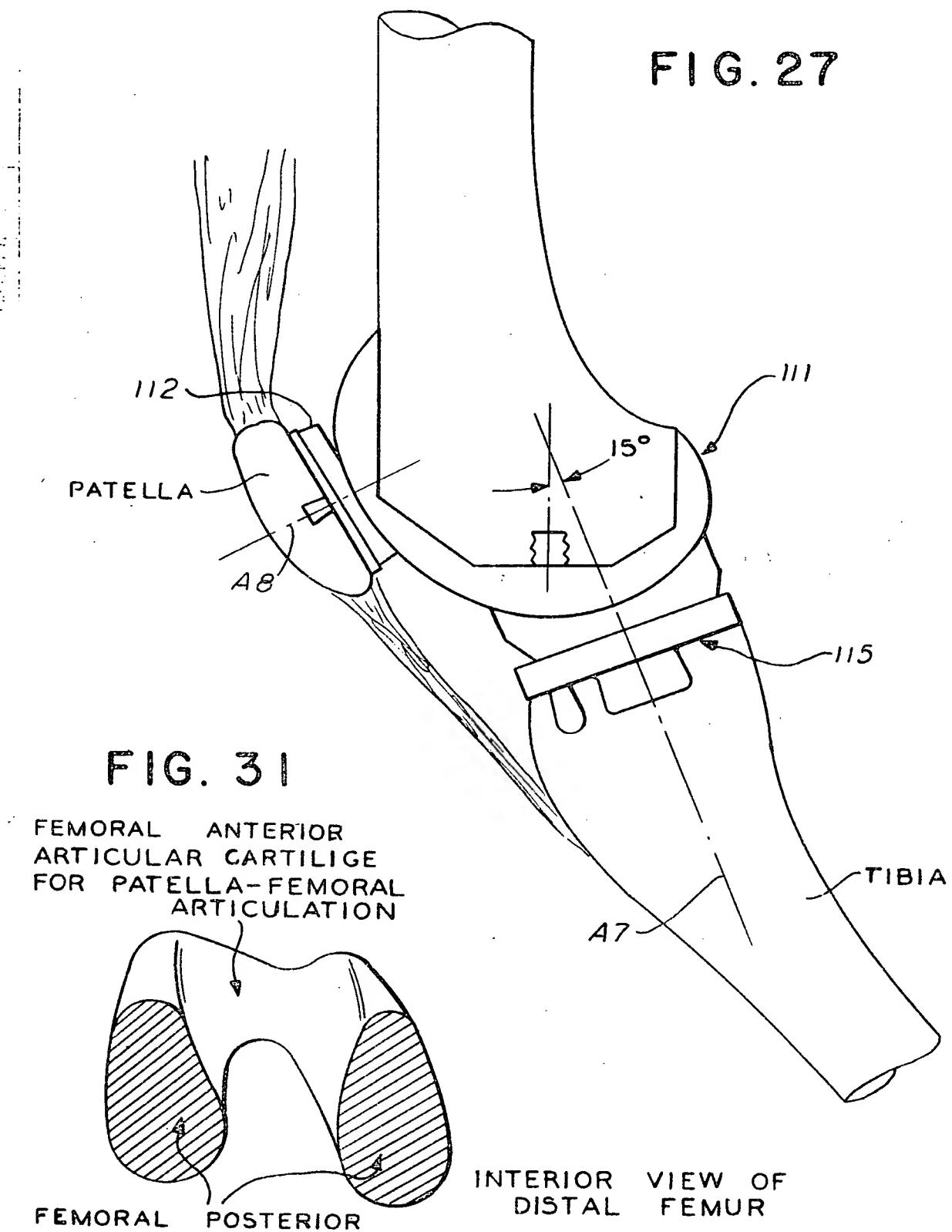


FIG. 22



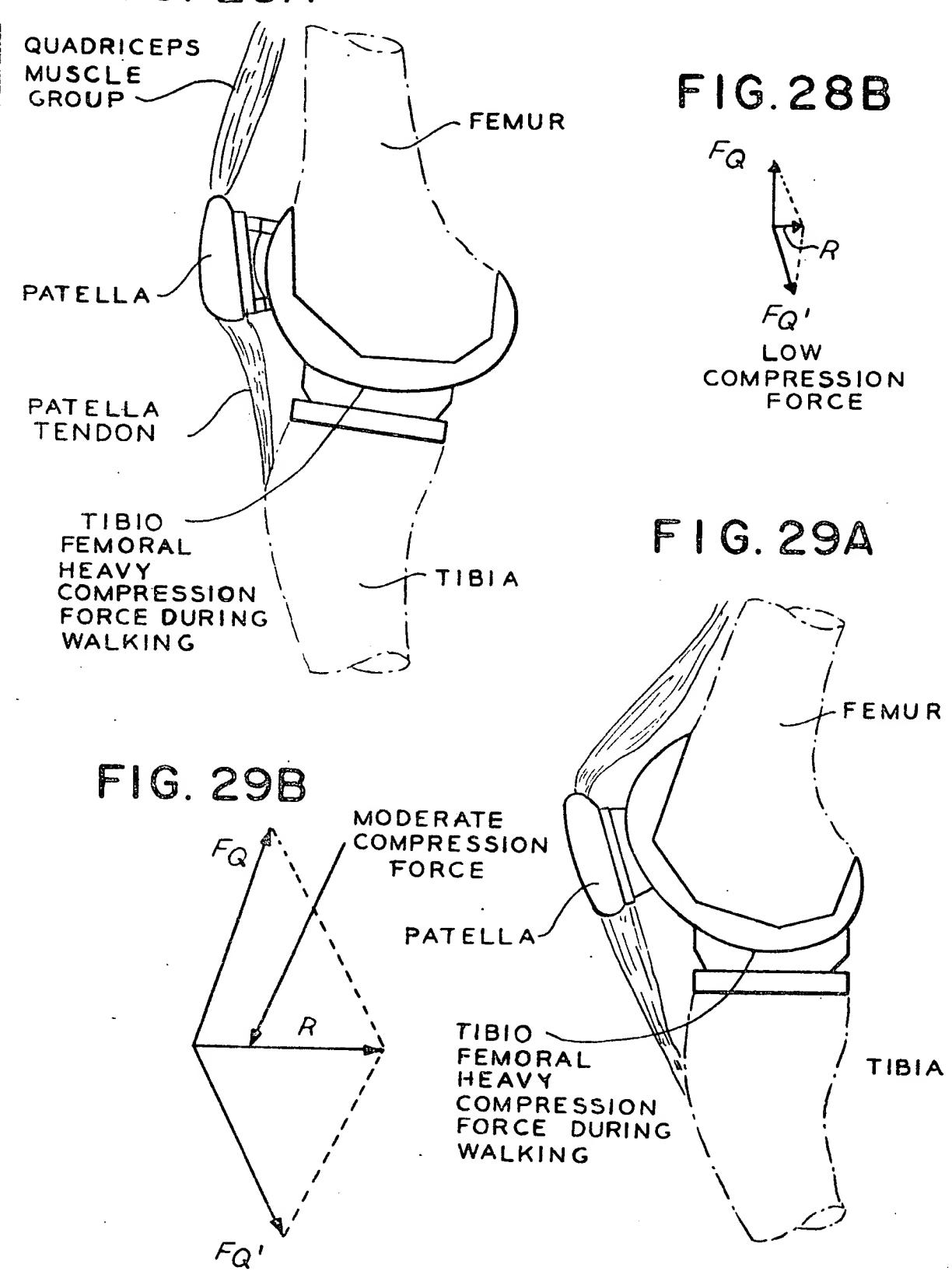
SHEET 9 OF 21 FIG. 25 FIG. 24 THIS END TENDS
TO LIFT
133 131-132 127, 133 112 COMPRESSION LOAD IN FULL EXTENSION 128 113 THIS END DEPRESSED

SHEET 10 OF 21



FEMORAL POSTERIOR ARTICULAR CARTILIGE FOR TIBIO - FEMORAL ARTICULATION

FIG. 28A



SHEET 12 OF 21

FIG. 30A

FIG. 30B

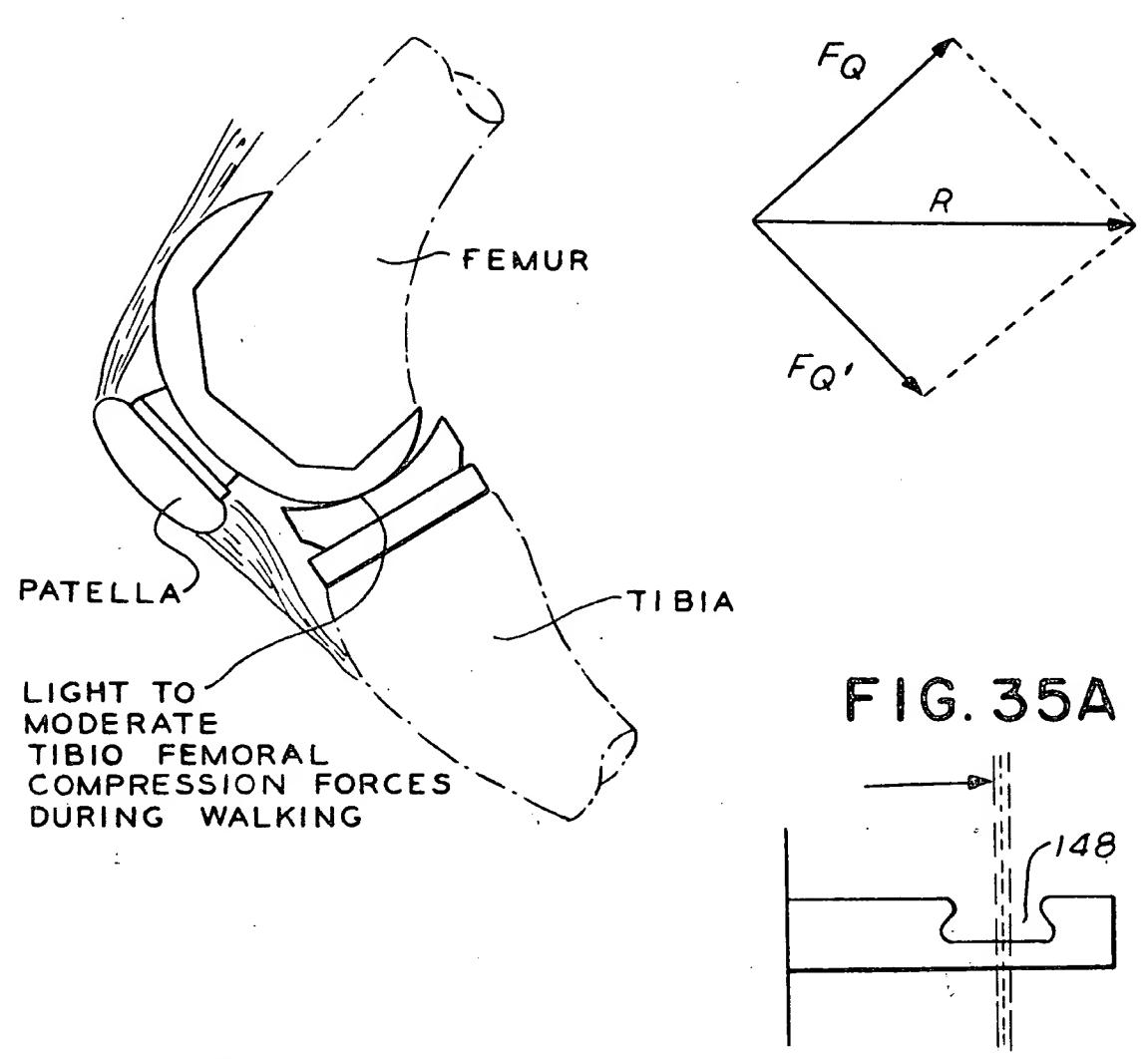
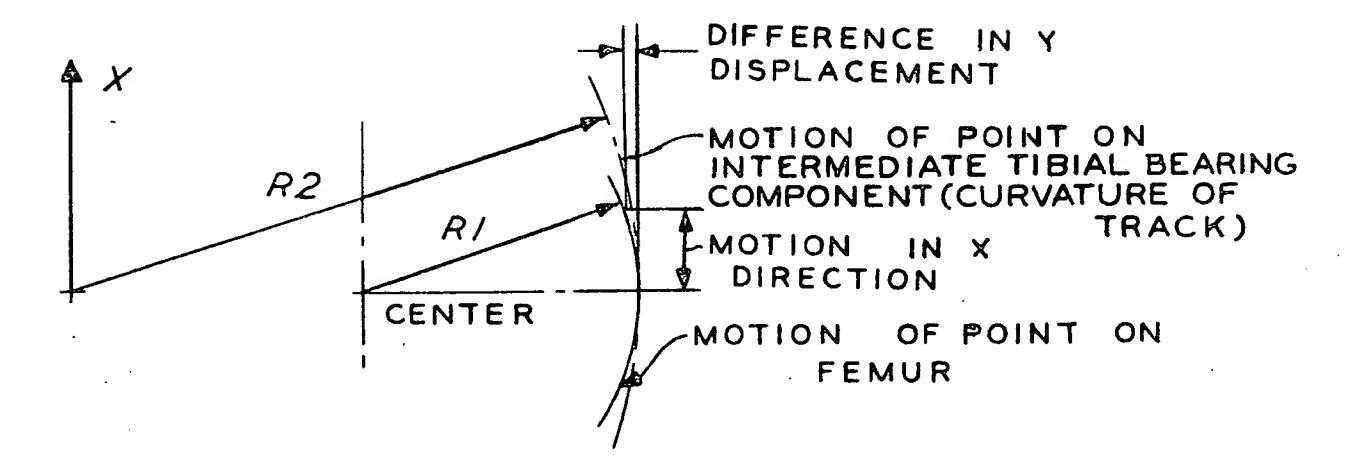


FIG.35B



SHEET 13 OF 21

FIG.32A

FIG.32B

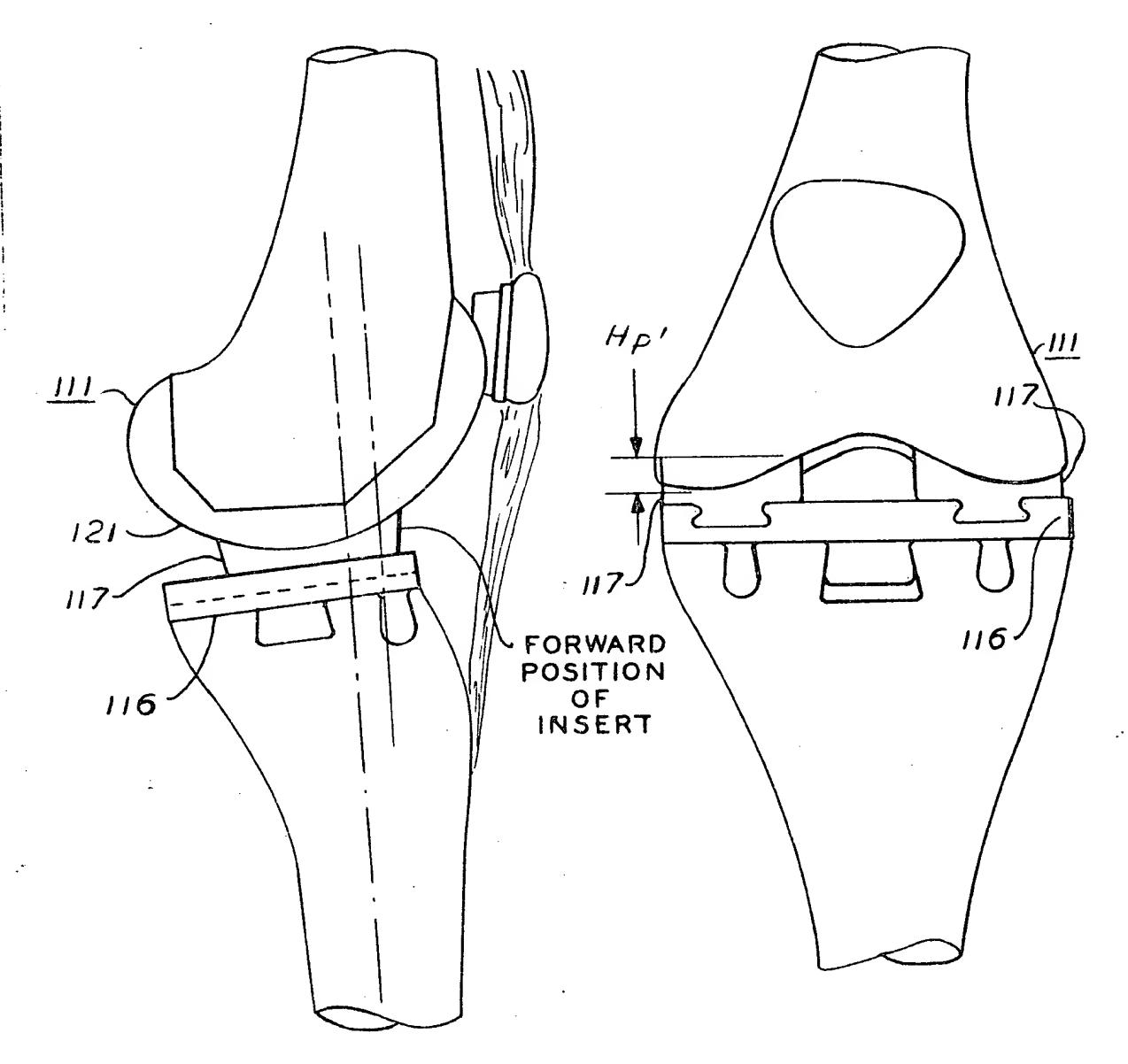
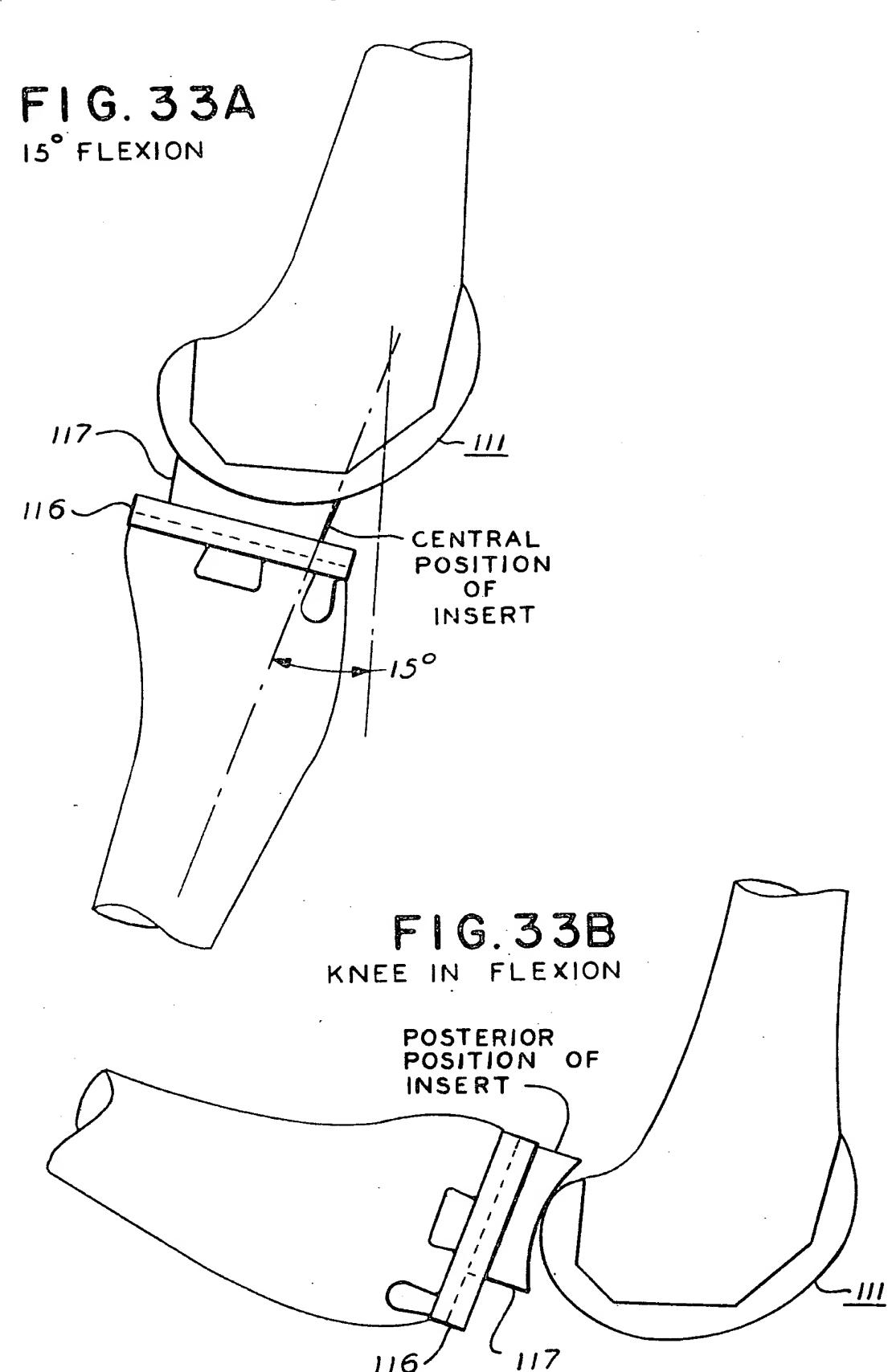


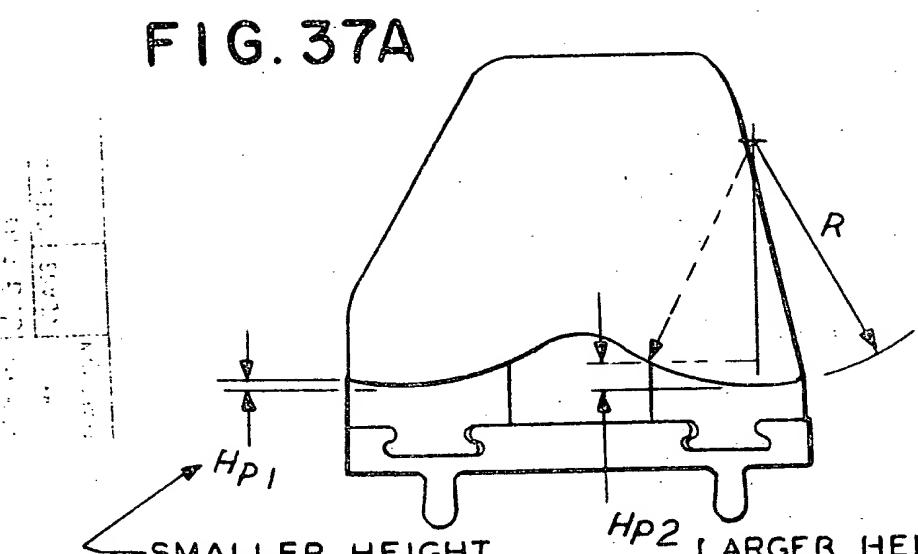
FIG. 36

INWARD MOTION OF SHIMS WHEN FEMUR MOVES POSTERIORLY

SHEET 14 OF 21



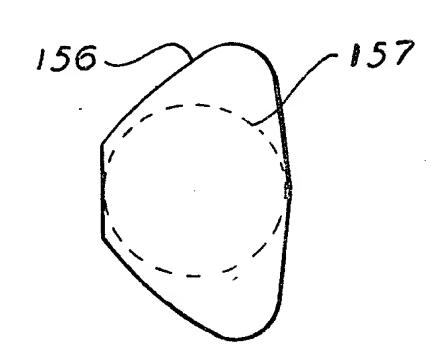
SHEET 15 OF 21



-SMALLER HEIGHT
PROVIDES GREATER
CENTER DISTANCE
CHANGE FOR A GIVEN
AMOUNT OF INCONGRUITY

LARGER HEIGHT PROVIDES GREATER MEDIAL-LATERAL STABILITY

FIG. 38A



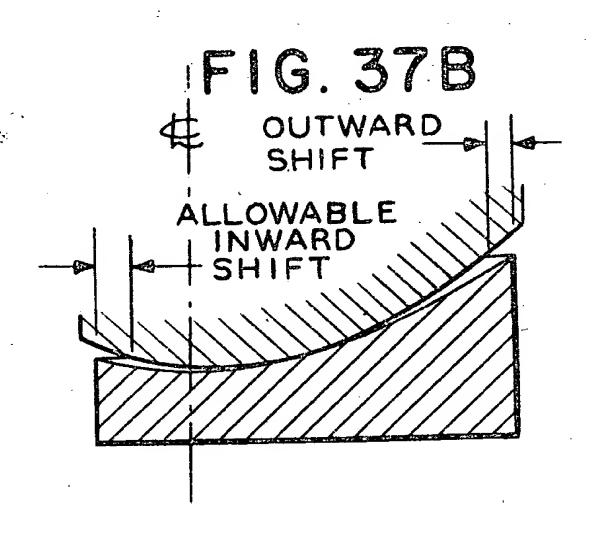
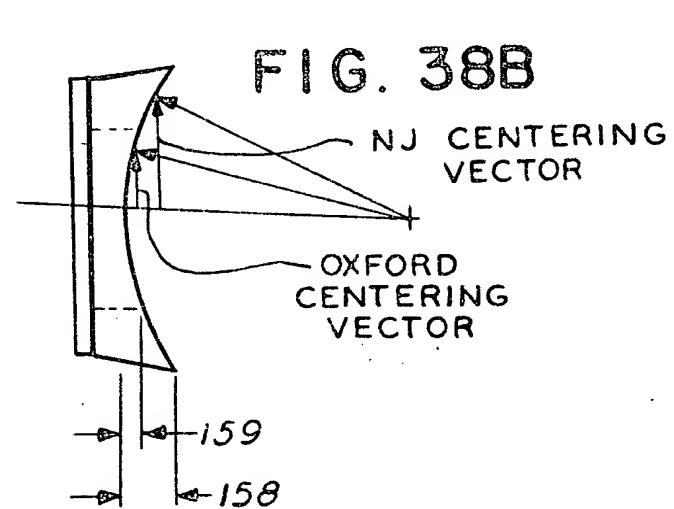
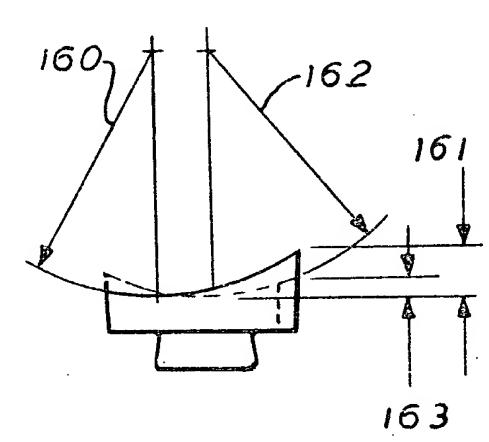


FIG. 38C





SHEET 16 OF 21

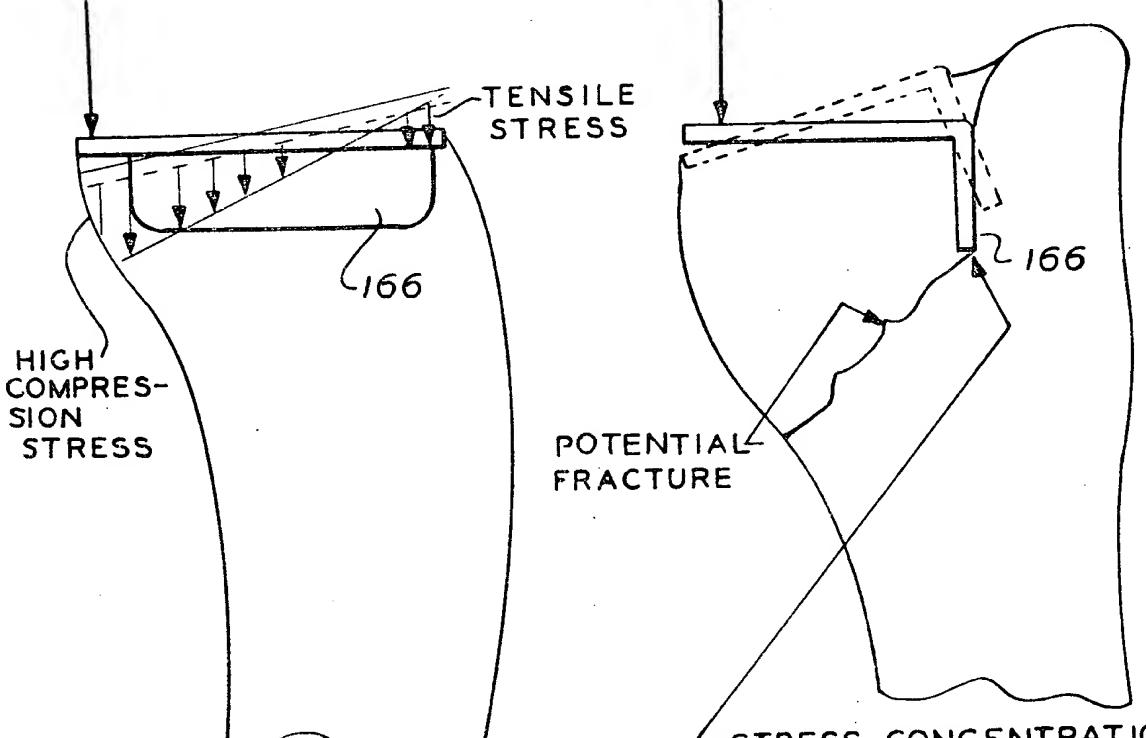
FIG. 39A

FIG. 39B

TENDS TO LIFT ANTERIOR ASPECT OF PROSTHESIS-FIN PROVIDES POOR TENSION

RESISTANCE 164

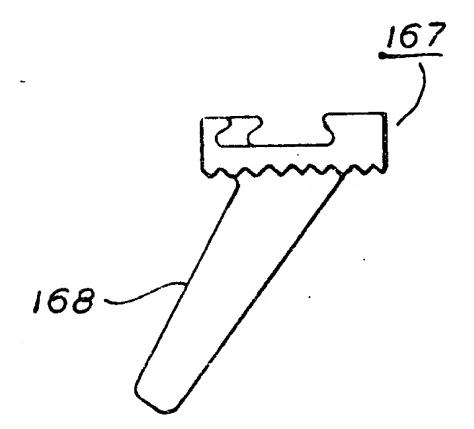
PROSTHESIS TENDS TO LIFT ON MEDIAL BORDER AND SPREAD THE BONE FIN PROVIDES LITTLE TENSION RESISTANCE 165

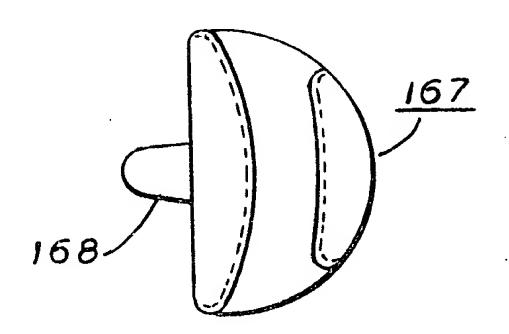


STRESS CONCENTRATION AT BOTTOM OF SLOT COUPLED WITH SPREADING EFFECT OF FIN BLADE

FIG. 40A

FIG. 40B





SHEET 17 OF 21

FIG. 41B FIG.41A COMPRESSIVE 165 REACTIVE PRESSURE 164 RESISTING TILTING 167 LOW COMPRESSIVE-STRESS SHEAR STRESS 168 168 HELPING TO SUPPORT LOAD FIG. 42B FIG. 42A LOAD LOAD (117 ,117 -116 ORR

SHEET 18 OF 21

FIG. 45 FIG. 46 175 140 -174 175

SHEET 19 OF 21

FIG. 47A

FIG.47B

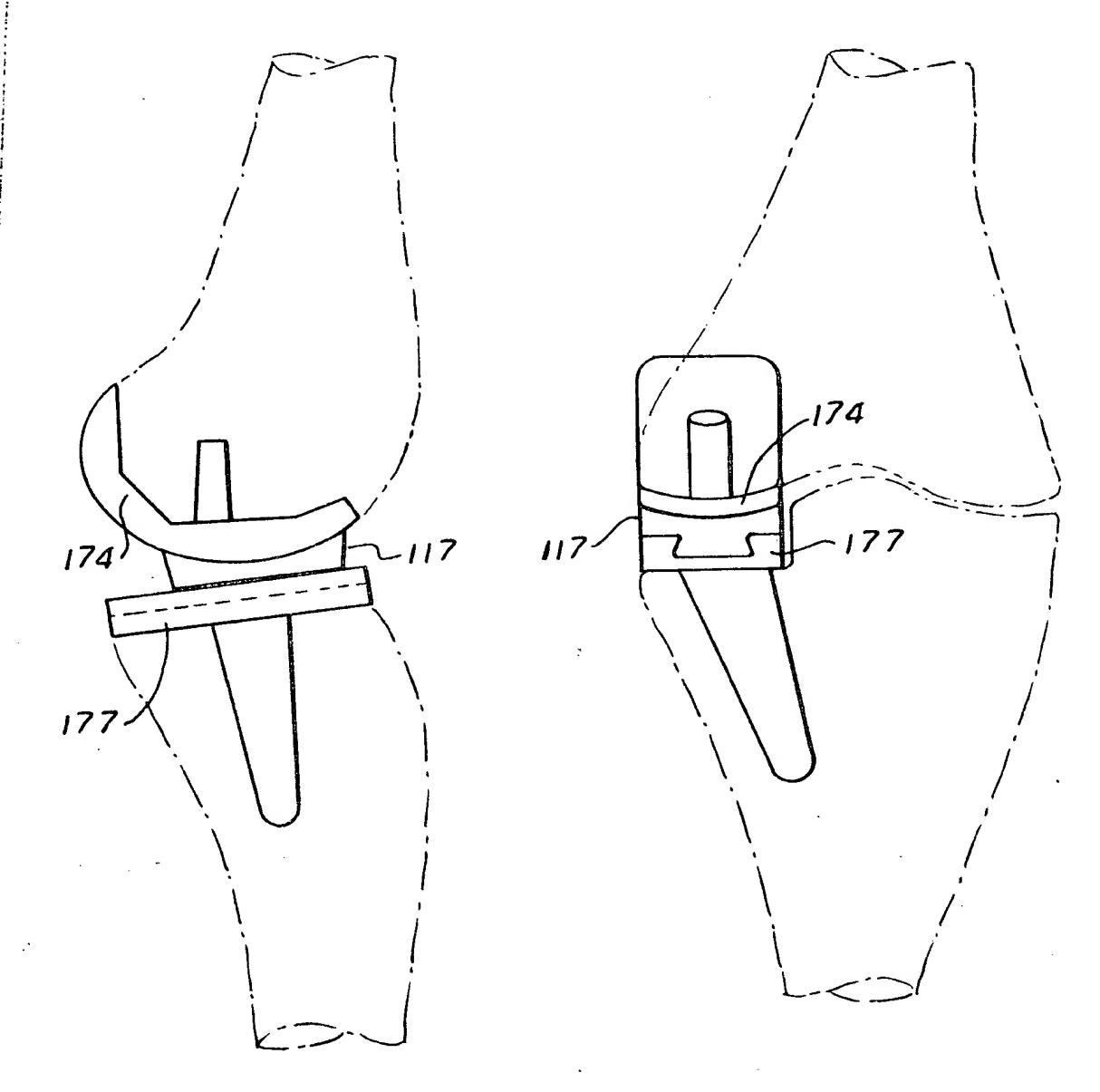


FIG.43

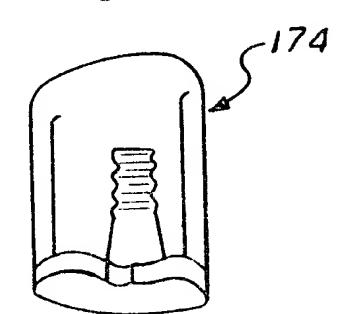
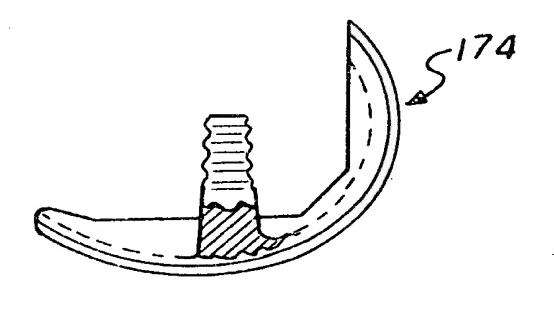
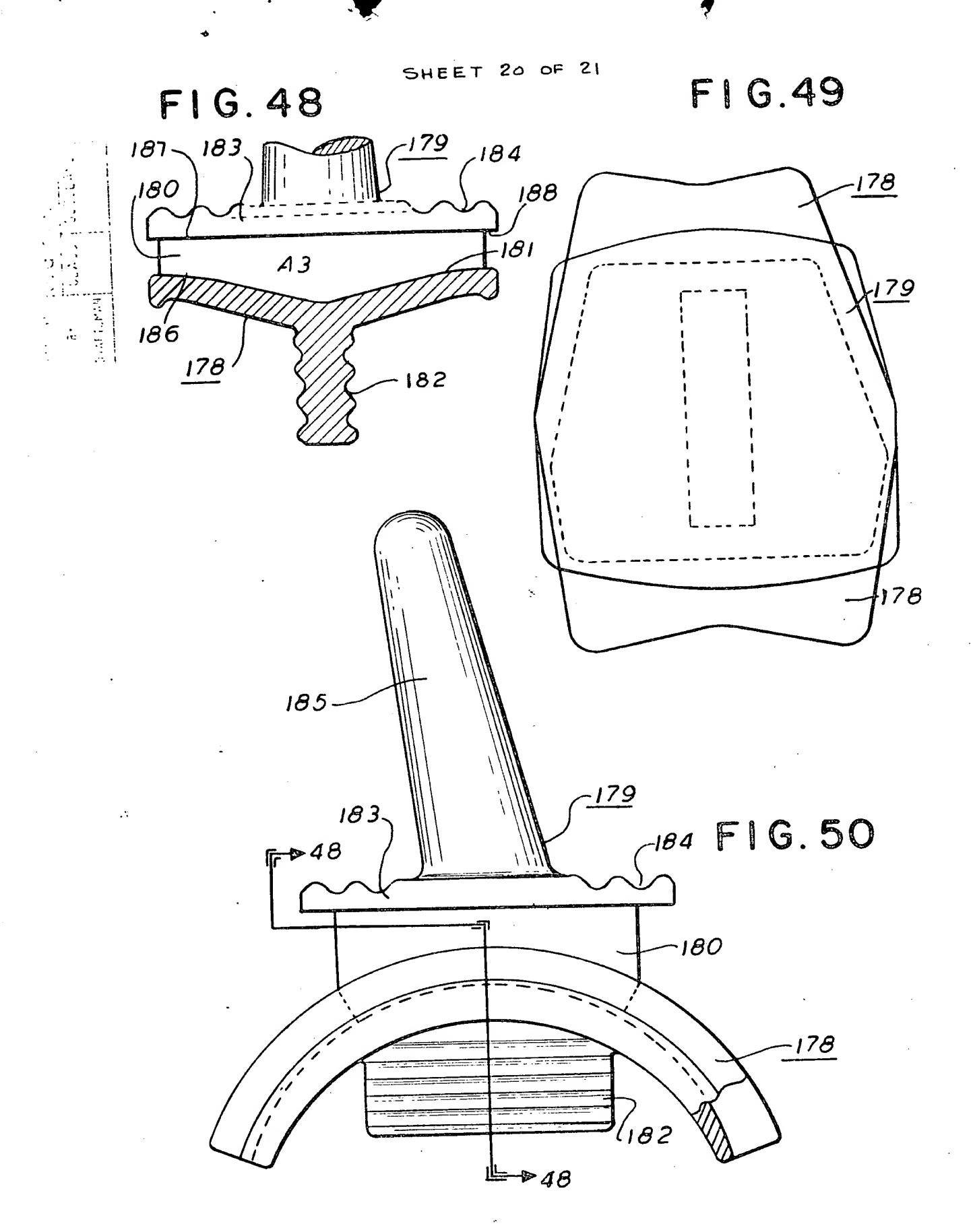


FIG. 44





SHEET 21 OF 21

